

mineral was even higher than is indicated by the amount paid by the smelter. The shipment stands as the richest carload of ore ever sent out from any mine in the world and will be very likely to hold the record for some time to come, as it is understood that the management of the mine has decided to grade this bonanza ore down in the future by mixing with ore of lower grade, the expense and danger of transporting and marketing ore of this value being so great as to render it impracticable.

DANTE.

The total output from the Dante for December aggregates 400 tons of an average value of two ounces. Consignments of six different workings are now awaiting settlement. The ore came from the company's workings, the Clements lease, the Wright and Wellrey lease, the Roberts block and that operated by Garrison and others.

REPUBLIC MINING NEWS.

REPUBLIC EXPLORATION AND CYANIDING COMPANY.

Will Own and Operate the New Republic Mill — May Build a Railroad Into the Camp.

Republic, Dec. 30.

Articles of incorporation were filed yesterday by the Republic Exploration and Cyaniding Company, with a capital stock of \$1,000,000 divided into 1,000,000 shares at \$1 per share. A. A. Ayer, C. J. McCuaig, of Montreal, and Patrick Clark, W. J. C. Wakefield, of Spokane, and Robert Jaffray, of Toronto, and David H. Burrall, of Little Falls, N.Y., are named as the incorporators and are appointed as trustees to control the affairs of the company until May 23, 1900.

This new incorporation has been formed primarily to construct and operate the new 200-ton Republic mill, but other and very extensive purposes of incorporation are set forth. These include the construction of electric plants to furnish light and power for the mines of Republic and also for all other purposes; the construction and maintenance of water rights, water works, storage reservoirs and power flumes; the conduct of a plant to treat ores and minerals by milling and smelting; the acquirement of mines and mining properties and the construction of railroads, tramways and other methods of transportation.

Although we are not in possession of absolute facts, it is fair to presume that the immense new company is formed to anticipate the growth of the camp and its growing needs in the matter of transportation electricity for power, heat and light, and the future demand for permanent water works. The company will own and control the new Republic mill as a separate and distinct corporation and it is understood that they will acquire and own various mining properties in the camp. In so much as the construction of railroads and tramways is set forth as a purpose of incorporation, it is within the range of possibilities that the incorporation is the first step toward the building of a railroad into Republic. The remarks recently, of Mr. McCuaig, to the effect that he intended to build a railroad into camp, adds greater significance to this purpose of the new company as outlined in the articles of incorporation.

At the local office of the Republic company no information could be obtained of any ulterior purpose of the new incorporation. But in connection with the forming of the company to build and operate the new Republic mill, it might be added that D. C. Jackling is expected to arrive in Republic January 5, to begin the construction of the plant.—Republic Miner.

RICH IGNAS GROUP.

News of the richest strikes ever made on the West Fork has just been brought to camp by Thomas Stacey, superintendent of the Ignas Valley Mining and Milling company. This company owns the Ignas, Buena Vista and Virginia, which lay 12 miles south from Republic on the West fork of the San Poil river. It was on the first-named property that the wonderful find has been made.

The lead on the property is about five feet wide and is traceable for a distance of 3000 feet on the Ignas and Virginia. The development work on the property consists of a 30-foot shaft on the lead of the Ignas, and samples of ore brought in by Mr. Stacey have shown assay values as high as \$600 in gold, silver, copper and lead. One sample carried 24 ounces of gold, 160 ounces of silver and 2 per cent. copper to the ton, while the average values contained in the shaft have run \$102 gold, silver, lead and copper. The ore is a sulphate, heavily colored with copper.

The value of the property has long been known, but the organization and purchase of the company by the present company was delayed by the fact that John Covey, the original Indian owner, only recently agreed to sell a greater part of his interest.

The mineral is so rich and in such quantities, that the company have determined to ship to the Tacoma smelter as soon as enough development work can be accomplished to secure a good output. Over a good wagon road, which leads from the property to the Okanogan river, the ore can be hauled for \$3 a ton and a \$7 water route rate to the smelter at Tacoma has been secured.

A survey for the projected San Poil and Republic railroad passes over the property and the building of this line would give direct shipping facilities.

Preparations are now being made for all winter development work by the erection of a blacksmith shop, barn and bunkhouse, and a wagon load of provisions has already been forwarded from Republic. John G. McMillan represents the company in Republic.—Republic Miner.

MOUNTAIN LION.

The recent arrival of several tons of sheet iron for the cyanide tanks at the Mountain Lion Mill, has resulted in the resumption of work with a force of 15 men. The tanks are being riveted and set in place and other scattering parts of the plant which arrive from time to time are also being installed. Thirty-five wagon loads of the machinery are now scattered along the road from Grand Forks to Republic, and are expected to arrive during the week. Of the 350,000 lbs of machinery needed to complete the plant ten car loads are now laying on the side-track at Grand Forks. Under the present order of things transportation is so uncertain a quantity that the date of completion of the plant, ready for operations cannot even be surmised.

In the mine 25 men are working on a level. The raise will connect with the raise from the 125-foot level to the shift main working shaft thereby providing a means of hoisting ores for the mill from both levels of the mine. This raise is about completed.—Republic Miner.

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